March Question

Bank+Exams

Grade 5

5

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Lesson 1 Explorer in action

Put (√) or (X)

1	Dr. Diego Ponce de Leon received his PhD from the Department of Energy and Resources at Harvard University.	(	)
2	Dr. Diego Ponce de Leon developed the use of technology to create data infrastructure and systems related to renewable energy.	(	)
3	The use of the developed technological systems results in wasted energy during data collection.	(	)
4	The shift from fossil fuel power generation to wind and solar energy is a major advancement in the energy transition.	(	)
5	Appliance efficiency can be increased by linking all refrigerators and air conditioners together with a Raspberry Pi.	(	)
6	The thermostat measures the temperature of air conditioners and refrigerators.	(	)
7	Computers can be programmed to monitor and control certain electrical devices.	(	)
8	Dr. Diego Ponce de Leon used a thermostat to monitor the amount of energy consumed by appliances throughout the day.	(	)
9	The amount of energy consumed by a city is a fixed amount that does not change over time.	(	)
10	The amount of energy consumed at noon is different from midnight.	(	)
11	The energy system can be optimized through the use of advanced technological data collection systems.	(	)
12	Sensors are devices that send information back to the computer to monitor household appliances	(	)

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13	Dr. Diego Ponce de Leon couldn't program air conditioners and refrigerators to use energy more efficiently.	(	)
14	Energy cannot be transferred from one place to another, nor can it be stored.	(	)
15	Dr. Ponce de Leon could not balance the power grid and therefore did not recommend ways to save electricity	(	)
16	Egypt is working to increase its agricultural area to ensure food security.	(	)
17	The remote sensing system helps engineers to make decisions and develop irrigation systems.	(	)
18	The use of technology is not essential in planning for the future.	(	)
19	Dr. Diego Ponce de Leon recommended ways to save electricity and build better systems in the future.	(	)
20	The amount of energy consumed by devices can be monitored through sensors.	(	)
21	Dr. Diego Ponce de Leon received his PhD from the Department of Energy and Resources at the University of California.	(	)
22	Energy can be generated using renewable energy instead of fossil fuels.	(	)
23	Dr. Diego Ponce de Leon was able to balance the power grid and thus was able to transfer energy from one place to another and was able to store it	(	)
24	The Raspberry Pi is a small computer that manages data processing and storage, as well as data playback and logging.)	(	)
25	The Raspberry Pi cannot be programmed to turn lights on and off or read sensors.	(	)
26	Knowing the basics of a programming language enables you to program the computer to perform practical tasks	(	)

27 The irrigation system can be operated through the Raspberry Pi   (   )

28 Programming can be learned on any computer except the Raspberry Pi.   (   )

29 The Raspberry Pi is an important invention as it is used to create   (   )
    hardware projects such as the sensors designed by Dr. Diego Ponce de
    Leon

30 Modern technology has helped solve some of the issues that exist in   (   )
    various fields

Choose the correct answer:

Dr. Diego Ponce de Leon received his Ph.D. from the Department of .... at the University of California.

a. Physics.   b. Chemistry.   c. Energy and Resources

2- The use of advanced technological systems leads to .... energy during data collection.

a. Waste   b. Save   c. Collect

3- .... A small computer that manages the processing and storage of data, as well as the playback and recording of data.

a. Thermostat   b. Turbine   c. Raspberry Pi

4- Dr. .... Balancing the power grid.

a- Zewail   b- Diego Ponce de Leon   c- Magdy Yacoub

5- Egypt is working to increase .... to ensure food security.

a-Agricultural area   b- Educational activities   c- Tourism activities

6-Power can be generated using renewable energy such as ...., ... instead of fossil fuels.

a. Coal and sun   b. Petroleum and water   c. Water and air

7- .... can be programmed to turn lights on and off or read sensors.

a. Computer   b. Refrigerator   c. Electric heater

8- A data and information management system relies on the data of ....

a. Calculator   b. Monitoring and remote sensing   c. Telephone

9- Monitoring and remote sensing data helps engineers to make decisions and develop ....

a. Irrigation systems   b. Sensor systems   c. Monitoring systems

10 - Egypt is seeking to increase its resources to meet ....

a. to know the temperature   b. to face high atmospheric pressure
c. to meet the needs of its citizens

11- Infrastructure can be created using .... developed.

a-Sand   b- Cement containers   c- Technology

12-Fossil fuels are extracted from ...., ...

a. living plants and oil   b. coal and natural gas   c. air and petroleum

13. .... measures the temperature of air conditioners and refrigerators.

a- Thermometer   b- Barometer   c- Thermostat

14- Knowing the basics of a programming language enables you to program .... to perform practical tasks.

a. Computer   b. Television   c. Radio

15- Air conditioners and refrigerators can be linked together by ....

a. Raspberry Pi   b. Thermostat   c. Simple circuit

16- The energy that is used at noon in the summer .... than the energy used at dawn.

a-Greater   b. Less   c. Equal to

17-The .... device is used to read the sensors and record data.

a- DataShow   b- Raspberry Pi   c- Receiver

18- The Raspberry Pi helps in learning the basics of .... language

a. English   b. Arabic   c. Programming

19- Dr. .... was able to balance the power grid.

a. Thomas Edison   b. Diego Ponce de Leon   c. Einstein

20- The power grid can be balanced, so it can be stored and .... from one place to another.

a. Transported   b. Sold   c. Purchased

Lesson 2 How digital devices work

Put (√) or (X)

#		( )
1	This sign ⬇ indicates that programs have been downloaded and installed.	( )
2	It is not possible to download versions of Microsoft Office or Google Chrome from the Internet.	( )
3	A Windows computer is not required to install software from a computer.	( )
4	We can install software on a Windows computer without pressing the download button.	( )
5	Google play store is a store for different applications.	( )
6	Software should be updated regularly to help it work more efficiently.	( )
7	Updates are installed in most programs automatically.	( )
8	No major updates require you to restart your computer.	( )
9	The device issues a message telling you to restart your computer.	( )
10	In order for the updates to take place on the device, you must follow the steps below: Start button ➡ Start Settings ➡ Updates and security ➡ Windows update.	( )
11	The updates that you still need to update are located in the settings.	( )

12 The screen stops responding is a big issue that cannot be solved.   (   )

13 You can resolve an unresponsive screen by holding down the Ctrl, Alt,   (   )
    and Del buttons and then using the task manager.

14 One way to solve the issue is to hold down the power button for 30   (   )
    seconds and then restart the device.

15 Computers use the three-count system to store data more efficiently.   (   )

16 Your understanding of binary doesn't help you solve a computer-related   (   )
    issue.

17 The binary system uses the values 0 and 4 to represent numbers.   (   )

18 Computers understand data through a binary electrical signal.   (   )

19 An electrical signal of 1 means off and 0 means on.   (   )

20 Software can be downloaded from unreliable sources as it does not affect   (   )
    the computer.

21 Technology helps people perform their daily tasks   (   )

Choose the correct answer:

1- Microsoft Office versions can be downloaded from ....

a. Internet   b. Radio waves   c. Windows

2- To install the software, the device must be running ....

a. Google Play   b. Windows   c. Blackberry

3- The download button must be pressed to ....

a- To install programs   b- To delete programs   c- To modify programs

4- .... is a store for different applications.

a- Google Drive   b- Google Mate   c- Google Store

5- Updating some .... requires restarting the device again.

a- Messages   b- Major programs   c- Photos

6- The computer tells you .... to restart it again.

a- picture   b- a message   c- a video

7- You can complete the updates on the device by following by clicking on .... and finishing by clicking on ....

A - Start - Windows Update   b - Settings – Start   c - Start - Update

8- You can check which software needs to be updated by clicking on .... then ....

a. Settings - Google Play   b - Start - Social Media   c - System - System Update

9- The issue of the screen not responding to Android devices can be solved by pressing ....

a - Alt button   b - Power button for 30 seconds   c - Task Manager

10- You can hold down the .... button for 30 seconds Solve the issue where the screen becomes unresponsive.

a. Power   b. Start   c. Refresh

11- Computers use a binary counting system that uses the values ....,.......... to express numbers in it.

a-8-9   b- 0-1   c- 0-5

12- Computers understand data through .... binary.

a. Language   b. Programs   c. Applications

13. The electrical signal 0 means off and .... means on.

a.7   b.9   c.1

14- To ensure the security of an application, it must be installed from .... sources

a. Untrusted   b. Trusted   c. Known only

15. The counting system that a computer recognizes is the counting system...............

a – Triple   b – Quadruple   c - Binary

Lesson 3 An introduction to Binary numbers

Put (√) or (X)

1. Although a computer can do amazing tasks very quickly, it doesn't understand information unless it's represented by the numbers 0 and 1. ( )

2. The computer understands all the information in our language but better than a human. ( )

3. The binary counting system is used to send and receive information without memorizing it. ( )

4. The binary counting system saves information on digital devices after sending and receiving it. ( )

5. Computers, cell phones, and laptops are all digital devices. ( )

6. Humans use the binary counting system like computers. ( )

7. The decimal counting system contains ten individual numbers (0-9). ( )

8. The base 10 system can be called the decimal counting system. ( )

9. We use the ten numbers to represent all possible numbers. ( )

10. When we go beyond the number 9 in counting, we add one of the ten single digits to the left. ( )

11. Computers are difficult and complex and cannot be handled easily. ( )

12. Computers are as simple and effective as a simple switch. ( )

13. The binary counting system is very efficient because it allows only two states, on and off. ( )

14. The number 100 reads one hundred using the binary system while one zero zero reads using the decimal system. ( )

15. Any number can be written in binary ( )

Choose the correct answer:

1) The computer understands information as .... so it is able to perform tasks perfectly.

a) turnning off and on   b) true and false   c) green and red

2) The language of computers is called the ………………… language of counting.

a- binary   b- triple   c- quadruple

3) The binary counting system is used to send and .... and save information.

a) delete   b) modify   c) receive

4) Examples of digital devices include ...., ...

a- Calculator, clock   b- Alarm clock, regular phone   c-Computer, cell phones

5) Humans use the .... counting system Computers use the .... counting system

a - Decimal - Binary   b - Base 10 – Triple   c - Triple - Quadruple

6) There are odd numbers in the counting system .... which contains ten odd numbers (0-9).

a - Binary   b - Decimal   c - Triple

7) The .... to the decimal counting system.

a- addition   b- notation   c- base 10

8) We add one of the single decimal digits to the left when we go beyond ....

a- 10   b- 0   c- 9

9) The binary counting system is very efficient because it only allows two states ..... , ...

a. transmit, save   b. transmit, receive   c. turn off, turn on

10) Read the number 101 in binary ....

a. One hundred and one   b. One hundred and ten   c. One zero one

10

11) The decimal system can be called .... to the decimal counting system.

a. base 10   b. base 2   c. base 3

12) When we use all the individual digits of the binary counting system, we add a digit to …………

a- right   b- center   c- left

Lesson 4 Determining the needs for a digital project

Put (√) or (X)

1	The word processor program is one of Vodafone's programs.	(	)
2	The Microsoft word program is used for some projects.	(	)
3	The word processor program is the only production version of Microsoft 365.	(	)
4	The Microsoft word program allows you to edit documents without modifying them.	(	)
5	A group of people can edit the same document if an internet connection is available.	(	)
6	If multiple users around the world edit and modify a document, the online editing feature must be installed.	(	)
7	The Microsoft word program only allows local users to edit it, not users outside the country.	(	)
8	To make some changes, click "Edit Document" ⟹ "Edit in Word for Web".	(	)
9	You can save the images you create and then insert them into the document through Paint.	(	)
10	Paint is used to send emails.	(	)

11 Microsoft 365 programs can be used to implement and complete projects.   (   )

12 Email can be used to send work to an individual or within a group.   (   )

13 Email can be used to send work to an individual or within a group.   (   )

14 The email can be written with a document, file, or image attached and sent to the desired person.   (   )

15 Group members can safely open the email with a document or image attached without you telling them.   (   )

16 Group members must understand their roles in the project before starting when assigning roles   (   )

17 All individuals have the same strengths and personality traits.   (   )

18 Images, text, and data are not necessary when assigning roles.   (   )

19 Each member of the group should know the tools that will help them complete the project.   (   )

20 Knowing what format to use to deliver information is not important when assigning roles.   (   )

21 When assigning roles, the group must accept them and no one has the right to ask questions or discuss them.   (   )

22 If you don't know the answer to some of the group's questions, you can ask your teacher or family for help.   (   )

23 The Bakkar model from the Egyptian cartoon series is a role model for children.   (   )

24 The Bakkar cartoon helps spread information about environmental issues affecting Egypt   (   )

25 Individuals from television programs such as the National Geographic Channel presenters and others are role models.   (   )

Choose the correct answer:

1-Microsoft 365 has several programs such as ....., ... Useful for project implementation.

a- Google   b- Google Drive   c- Word Processor

2- The microsoft word program allows you to work in groups if you have ....

a. Internet connection   b. People connection   c. TV connection

3- The .... processor program enables you to allows you to edit and modify documents.

a. Digital data   b. Words   c. Pictures

4- Users around the world can edit the same document if an internet connection is available by installing the .... feature

a. Delete applications   b. Add programs   c. Edit online

5- Click on Edit at .... Then edit in .... To make changes in Microsoft word.

a.Document - Word   b- Pictures - Document   c- Table – Word

6- The images you create can be saved and then inserted into a document through a program ....

a. Word   b. Paint   c. Excel

7- You can communicate with others by sending electronic messages through ....

a. Email   b. Text messages   c. Mailbox messages

8- Email allows you to attach .... or .... In the email message.

a - clothes   b - anthropomorphized gift   c - document - photo

9- Everyone in the group must understand .... in the project before starting when assigning roles.

a - their role   b - the work of others   c - everything about the project

10 - Everyone has .... that can benefit the group.

a.Strengths   b. Weaknesses   c. Ability to help

11. ...., text, data, etc. are some of the elements necessary to complete the project

a. Pictures   b. Tables   c. Numbers

12- Any questions from the group should be discussed to determine who .... to handle the appropriate parts of the project

a. Strong   b. Weak   c . Suitable

13- It is important to know the tools needed to accomplish each part of the project, the format to be used in ....

a. Delivering information   b. Discussing questions   c. Identifying the right person

14- If you don't know the answer to your group members' questions, you can ask .... or your family for help.

a. Anyone.   b. Your teacher.   c. Any book.

15- The character Bakkar from the Egyptian cartoon helps spread information about environmental issues affecting ....

a.Japan   b. Morocco   c. Egypt

16- A character................. is considered a role model for children in Egypt.

a. Bakkar   b. Cat and Mouse   c. Ben Ten

17. You can have a role model in your life such as ....

a. Criminals   b. National Geographic explorers   c. The unemployed

18- You can take notes during discussions that make you a young explorer in the .... section

a- Let's learn by doing   b- Crime and theft   c- Glass

19. Role-playing makes work and project completion more ....

a - difficult   b - easy   c - glitch

20. Information can be shared and delivered through ....

a. Email   b. Recorder   c. Documents

> **Lesson 5 Gathering data and presenting information**

Put (√) or (X)

1	Data collection is an element of scientific research methods.	(	)
2	To solve the issue of environmental pollution, it is necessary to collect data and present information to find solutions to the issue.	(	)
3	You can use the Excel spreadsheet program and take advantage of it to process digital information.	(	)
4	The symbols +, -, x, / are used for subtraction, multiplication, addition, and division in order.	(	)
5	To create an equation, you can type "=" in the cell.	(	)
6	To add numbers, select all the cells that contain the numbers you want to add, then click AutoSum.	(	)
7	The Enter key must be pressed at the end of adding numbers to give the final result.	(	)
8	Chart design does not have to be selected when adding a title to the chart.	(	)
9	We choose the formatting directly from the toolbar when choosing the chart color.	(	)
10	You can choose to change the chart type from the chart design when choosing the chart type.	(	)
11	When plotting a graph or chart, items are selected from the toolbar.	(	)

12 Research, data collection, categorization, and processing are all digital   (   )
    data processing skills.

13 It is not necessary to define the research question before searching for the   (   )
    issue.

14 To search for information, you can use the Internet or sources that do not   (   )
    require an Internet connection.

15 You can search for information in paper and electronic sources such as   (   )
    books and magazines.

16 You can search for information in your textbooks only, and you cannot   (   )
    look at sources in your school library or external libraries.

17 You can collect information through programs (word processor, digital   (   )
    information processor, illustrator, pen and paper).

18 Not all data can be placed in one folder such as images, texts, videos, and   (   )
    tables.

19 Excel is an example of one way to categorize information   (   )

20 No information processing program can display data in a graphical   (   )
    format.

21 You can process information after researching, collecting, and   (   )
    categorizing information.

22 The goal of information processing is to arrive at conclusions and share   (   )
    them with others.

23 We use Word for reports and PowerPoint for presentations.   (   )

24 Infographics do not enhance the information found in reports or   (   )
    presentations.

25 Some methods are more effective than others when processing   (   )
    information

Choose the correct answer:

1- Elements of scientific research include data collection, ..., processing.

  a. Categorization   b. Deletion   c. Addition

2- To process digital information, we can use a program ....

a- Word   b- Excel   c- Access

3- We can use the symbol .... for addition, ... for subtraction for subtraction, while we use the symbol .... for division.

a-+, -, /   b- x, +, -   c- /, *, +

4- You can type "=" in the cell to create ....

a.Addition   b. Subtraction   c. Equation

5- To add numbers, select all the cells that contain numbers you want to add Press Home AutoSum and then ....

  a.Enter key   b. Settings   c. Files

6- To add .... to a chart, click on the toolbar ⟹ Chart Design ⟹ Formatting.

a.Color   b. Type   c. Layout

7- The type of graph or chart can be changed when you click on the toolbar and then .... Then change Chart.

a. Chart Color   b. Chart Design   c. Chart Format

8- We use the quick layouts selection when changing or selecting ....

a. Adding elements   b. Adding numbers   c. Chart layout

9- Digital information processing skills include ...., collecting information, categorizing

  a. Searching   b. Speed   c. Operating a computer

10. When conducting research for a particular topic, you must first determine ....

a- Research value   b- Research question   c- Type of research

11- Offline sources can be used to search for information, such as e-books on ....

a- Your device   b- Educational platforms   c- Egyptian Knowledge Bank

12- E-books are a source of ....

a.Data processing   b. Information gathering   c. Authoritative books

13. One of the ways to categorize and present information in the form of written data is ..

a- Word   b- Excel   c- Access

14- Graphical data can be categorized and displayed in a graphical form through ....

a. Word   b. Excel   c. Access

15-Using pen and paper is one of the ways ....

a. Data processing   b. Gathering information   c. Authoritative books

16. .... can display data in the form of a chart.

a. Word   b. Excel   c. Access

17- You can put different data in files or folders and categorize them by type such as tables, videos, ...

a.Microsoft Office   b. Photos   c. Device Settings

18- The goal of researching, collecting and categorizing information is to .... and access .... and share them.

a. Processing - results   b. Happiness - results
c. Identifying files - where to find them

19. We use .... to prepare reports, while we use .... to prepare a presentation.

a. Word - Excel   b. Excel - Access   c. Word - Power point

20-. .... greatly enhances the information found in reports or presentations.

a. Text   b. Graphics   c. Games

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Lesson 6 presenting information in an appealing way

Put (√) or (X)

1	A presentation is like your favorite TV show or movie	(	)
2	You can connect with the audience through visual presentations.	(	)
3	A movie must have good content in order to connect with the audience.	(	)
4	You can use text to present important information in an attractive way.	(	)
5	You have to choose only one color to attract the audience while displaying the informative text.	(	)
6	Specific information can be highlighted by using two different colors	(	)
7	To highlight key information, you should use a bold font.	(	)
8	You can include device settings to maximize the impact of the text while displaying information	(	)
9	Background colors are available in the presentation software	(	)
10	Elements that bore people include photographs	(	)
11	The inclusion of shapes or graphics is not an audience attraction when presenting information	(	)
12	Graphs and charts are a good way to share data	(	)
13	To enhance a text or image, audio content can be added to it	(	)
14	The audio content does not have to be related to the displayed text	(	)
15	The audio content associated with the image needs to be very long	(	)
16	You can use regular video clips during your presentation	(	)
17	You can use videos from the internet during your presentation	(	)
18	The word processor program is called Word and the presentation program is called Power point	(	)

19 Movie Maker can be used to create a movie from a set of still images (   )

20 There are no intellectual property rights for others, but all images and (   )
    files belong to everyone

21 When using images, videos, or audio clips, it is important to check for (   )
    copyright infringement.

22 Each type of information - visual, audio, text and numbers - contributes (   )
    to telling a story.

Choose the correct answer:

1- Looks like a program................... is similar to your favorite TV show or movie.

a - Word   b- Excel   c- PowerPoint

2- You can communicate with your audience through ....

a - device settings   b - Data Shows   c - invisible files

3- You can .... The audience even without good content for the movie or program.

a. Connect with   b. Persuade   c. Capture interest

4- You can use text to display .... in an attractive way.

a. Information   b. Electrical appliances   c. Food

5- You can use more than one color while displaying the text to .... audience

a. Distracting   b. Attracting   c. Distracting

6- You can highlight headlines by using the following colors

a – light   b- dark   c – cold

7- To highlight specific information, you can use ....two different.

a - two colors   b- two images   c- two files

8. You can insert audio for .... text while presenting information.

a. Minimize effect   b. Increase effect   c. Display

9. Background colors are available in ....

a. Excel   b. Access   c. Power point

10- Photographs are one of the elements that make the audience feel ....

a. Boredom   b. Excitement   c. Sadness

11- Elements that attract the audience while presenting information include ....

a. Shapes and graphics   b. Program updates   c. Sudden screen pauses

12- Graphs and charts are a good way to .... data

a. Send   b. Share   c. Update

13- Adding audio content to text or images can

a. Enhance it   b. Make it bad   c. Confuse it

14- The audio content .... be related to the displayed text.

a - not required   b- must   c - not necessary

15. The audio content associated with the displayed image should not be ....

a. beautiful   b. long   c. understandable

16. Videos can be used.............. during the presentation

a. Street   b. Internet   c. Unreliable

17. The program is called .... Word

a. Digital information processor   b. Illustrator   c. Word processor

18- The program is called .... Power point

a. Presentations   b. Movie Maker   c. Play Store

19. You can create a movie from a set of still images using ....

a. Movie Maker   b. Power point   c. Microsoft word

20- Not all images belong to everyone, but there are rights ....

a. Intellectual property   b. Duties   c. Different levels

Lesson 7 Producing an effective presentation

Put (√) or (X)

1	Presentation software helps you create an effective presentation	( )
2	Whiteboards allow you to plan your ideas	( )
3	Power point does not allow you to pre-visualize the results of your presentation	( )
4	A storyboard has no importance in a presentation program	( )
5	A storyboard is defined as a diagram showing the sequence of certain content that represents the outline of your presentation.	( )
6	It is not necessary to prepare a draft of your presentation	( )
7	You can prepare a description for each slide	( )
8	After the presentation, you can go to the slide sorter to get an overview of your presentation	( )
9	You can't get an overview of your presentation before saving the presentation	( )
10	You can't navigate to the presentation until you've created a description for each slide	( )
11	The sequence of content appears as an outline of the presentation	( )
12	The storyboard helps you organize your ideas in sequence	( )
13	The storyboard tells you what kind of story you can tell	( )
14	One of the advantages of presentations is that they help you deliver an organized and understandable presentation	( )
15	The Digital Data Wizard program offers a 10, 20, and 30 rule.	( )
16	The amount of information used in a presentation program is not an issue	( )

17	You don't have to present an overwhelming amount of information in a presentation program	(	)
18	Time is an important factor when preparing presentations	(	)
19	A presentation that takes too long doesn't overwhelm the audience	(	)
20	Font size can be random and disorganized	(	)
21	Font size has nothing to do with the quality of the presentation	(	)
22	The 10, 20, 30 rule is a counting rule in Power point	(	)
23	The number 10 in the counting rule indicates a maximum of 10 slides for the presentation	(	)
24	The duration of the presentation should not exceed 20 minutes	(	)
25	The appropriate font size during presentation preparation is 35	(	)
26	You can use the "Design" tab, which offers alternative design options	(	)
27	You can optimize your presentation by following the 10-20-30 rule	(	)

Choose the correct answer:

1- The .... program is useful to create an effective presentation.

a. Movie Maker   b. Power point   c. Word

2. .... allows you to plan your ideas while creating an effective presentation.

a. Dashboard   b. Worksheets   c. Designs

3. .... allows you to allows you to visualize the results of the presentation in advance

a. Word   b. Power point   c. Access

4- A dashboard is one of the essentials of ....

a. Presentations   b. Word processing   c. Digital data processing

5. .... It is a chart that shows the sequence of certain content that outlines your presentation.

a. Diagram   b. Dashboard   c. Design

6- It is necessary to prepare .... for the presentation.

a – draft   b - video   c – images

7- A description must be prepared for each ....

a - File   b- Image   c - Slide

8- After the presentation, you can go to .... slides to get an overview of your presentation.

a. Design   b. Layout   c. Sort

9- You can get an overview of your presentation before .... presentation.

a.Finalize   b. Save   c. Design

10- The content sequence appears as .... For presentation.

a - chart   b – graph   c - video

11- The storyboard helps you .... in sequence.

a. Organize your thoughts   b. Distract your thoughts   c. Work

12. .... helps you tell the story you want during your presentation.

a. Electronic stories   b. Colorful pictures   c. Dashboard

13- The Power point counting rule is ....

a. Binary counting   b. Decimal counting   c. 10, 20, 30 rule

14- You musr itroduce a .... amount of information on your presentation

a. Too much   b. Too little   c. Suitable

15. A presentation that takes too much time .... to the audience

a – happy   b – tiring   c - excited

16- The font must be within the presentations .... because it affects the quality of the presentations

a. organized   b. random   c. too large

17- The number ………………The counting rule indicates a maximum of 10 slides for the presentation.

a - 10   b- 20   c – 30

18- It is preferred that the duration of the show does not exceed 20 minutes, as evidenced by the number .... by the counting rule.

a – 10   b - 20   c - 30

19- The appropriate font size while preparing the presentation is ....

a- 25   b - 30   c - 35

20- You can improve your presentation by following the .... rule.

a- 10 - 20 - 30   b - Pythagoras   c - Euclid

Lesson 8 Web design principles

Put (√) or (X)

1	You can publish your work through the web	(	)
2	You can browse through the web page	(	)
3	You can't create your story directly through a website building program	(	)
4	You can use a presentation program to create a web page	(	)
5	The language that will be displayed on the web browser is called Hypertext Markup Language	(	)
6	HTML is an acronym for Hyper Text Markup Language	(	)
7	The web browser deals in standard Arabic.	(	)
8	A word processor program helps create web pages	(	)
9	To create a web page, click on "Web Layout" under the "View" tab.	(	)
10	You cannot save the file as a web page but can only save it as a document	(	)
11	To save the file as a web page, choose file, then save as, then web page	(	)
12	The title is in a smaller font than the body text	(	)

13 Subheadings separate information and are written in a smaller font than the headline   (   )

14 The design of a particular website can distract you from continuing to browse   (   )

15 Sharing information about issues you care about makes you a better digital citizen   (   )

Choose the correct answer:

1. You can share the work of whoever you want through ....

a. The Internet   b. Text messages   c. Pictures

2. .... helps you in browsing the Internet and accessing a lot of information.

a. Your relationship with people   b. The Internet   c. Books

3- You can create your story directly through ....

a. Website building program   b. Photo album   c. File collection

4- The .... program helps to create a webpage

 a. Movie Maker   b. Power point   c. Word

5- The language that will be displayed on a web browser is called ....

a. Hypertext   b. English   c. Base 10

6- .... is the language that the web browser deals with.

   a. HTMM   b. HTML   c. HTWL

7- The .... counting system is not considered a computer counting system.

a- Binary   b – Mathematical   c - 10 - 20 - 30

8- To create a web page, click on .... under the "View" tab

a - Web Layout   b – Design   c - File Layout

9- You can save the file as a web page by clicking on .... then save as then web page.

a- Google play   b- files   c- sittings

10- The title is written in .... font From the body text

a- smaller   b - bigger   c- better

11- Subheadings separate ....

a - information   b - pages   c- words

Answers

March Question

Bank+Exams

Grade 5

Mrs/Eman Meslam

5

2024

Lesson 1 Explorer in action

Put (√) or (X)

1	Dr. Diego Ponce de Leon received his PhD from the Department of Energy and Resources at Harvard University.	(**X**)
2	Dr. Diego Ponce de Leon developed the use of technology to create data infrastructure and systems related to renewable energy.	(**√**)
3	The use of the developed technological systems results in wasted energy during data collection.	(**X**)
4	The shift from fossil fuel power generation to wind and solar energy is a major advancement in the energy transition.	(**√**)
5	Appliance efficiency can be increased by linking all refrigerators and air conditioners together with a Raspberry Pi.	(**X**)
6	The thermostat measures the temperature of air conditioners and refrigerators.	(**√**)
7	Computers can be programmed to monitor and control certain electrical devices.	(**√**)
8	Dr. Diego Ponce de Leon used a thermostat to monitor the amount of energy consumed by appliances throughout the day.	(**X**)
9	The amount of energy consumed by a city is a fixed amount that does not change over time.	(**X**)
10	The amount of energy consumed at noon is different from midnight.	(**√**)
11	The energy system can be optimized through the use of advanced technological data collection systems.	(**√**)
12	Sensors are devices that send information back to the computer to monitor household appliances	(**√**)

13	Dr. Diego Ponce de Leon couldn't program air conditioners and refrigerators to use energy more efficiently.	(**X**)
14	Energy cannot be transferred from one place to another, nor can it be stored.	(**X**)
15	Dr. Ponce de Leon could not balance the power grid and therefore did not recommend ways to save electricity	(**X**)
16	Egypt is working to increase its agricultural area to ensure food security.	(**√**)
17	The remote sensing system helps engineers to make decisions and develop irrigation systems.	(**X**)
18	The use of technology is not essential in planning for the future.	(**X**)
19	Dr. Diego Ponce de Leon recommended ways to save electricity and build better systems in the future.	(**√**)
20	The amount of energy consumed by devices can be monitored through sensors.	(**√**)
21	Dr. Diego Ponce de Leon received his PhD from the Department of Energy and Resources at the University of California.	(**√**)
22	Energy can be generated using renewable energy instead of fossil fuels.	(**√**)
23	Dr. Diego Ponce de Leon was able to balance the power grid and thus was able to transfer energy from one place to another and was able to store it	(**√**)
24	The Raspberry Pi is a small computer that manages data processing and storage, as well as data playback and logging.)	(**√**)
25	The Raspberry Pi cannot be programmed to turn lights on and off or read sensors.	(**X**)
26	Knowing the basics of a programming language enables you to program the computer to perform practical tasks	(**√**)

27 The irrigation system can be operated through the Raspberry Pi   (**√**)

28 Programming can be learned on any computer except the Raspberry Pi.   (**X**)

29 The Raspberry Pi is an important invention as it is used to create   (**√**)
    hardware projects such as the sensors designed by Dr. Diego Ponce de
    Leon

30 Modern technology has helped solve some of the issues that exist in   (**√**)
    various fields

Choose the correct answer:

Dr. Diego Ponce de Leon received his Ph.D. from the Department of .... at the University of California.

a. Physics.   b. Chemistry.   c. Energy and Resources

2- The use of advanced technological systems leads to .... energy during data collection.

a. Waste   b. Save   c. Collect

3- .... A small computer that manages the processing and storage of data, as well as the playback and recording of data.

a. Thermostat   b. Turbine   c. Raspberry Pi

4- Dr. .... Balancing the power grid.

a- Zewail   b- Diego Ponce de Leon   c- Magdy Yacoub

5- Egypt is working to increase .... to ensure food security.

a-Agricultural area   b- Educational activities   c- Tourism activities

6-Power can be generated using renewable energy such as ...., ... instead of fossil fuels.

a. Coal and sun   b. Petroleum and water   c. Water and air

7- .... can be programmed to turn lights on and off or read sensors.

a. <u>Computer</u>   b. Refrigerator   c. Electric heater

8- A data and information management system relies on the data of ....

a. Calculator   b. <u>Monitoring and remote sensing</u>   c. Telephone

9- Monitoring and remote sensing data helps engineers to make decisions and develop ....

a. Irrigation systems   b. <u>Sensor systems</u>   c. Monitoring systems

10 - Egypt is seeking to increase its resources to meet ....

a. to know the temperature   b. to face high atmospheric pressure
c. <u>to meet the needs of its citizens</u>

11- Infrastructure can be created using .... developed.

a-Sand   b- Cement containers   c- <u>Technology</u>

12-Fossil fuels are extracted from ...., ...

a. living plants and oil   b. <u>coal and natural gas</u>   c. air and petroleum

13. .... measures the temperature of air conditioners and refrigerators.

a- Thermometer   b- Barometer   c- <u>Thermostat</u>

14- Knowing the basics of a programming language enables you to program .... to perform practical tasks.

a. <u>Computer</u>   b. Television   c. Radio

15- Air conditioners and refrigerators can be linked together by ....

a. <u>Raspberry Pi</u>   b. Thermostat   c. Simple circuit

16- The energy that is used at noon in the summer .... than the energy used at dawn.

a-<u>Greater</u>   b. Less   c. Equal to

17-The .... device is used to read the sensors and record data.

a- DataShow   b- <u>Raspberry Pi</u>   c- Receiver

18- The Raspberry Pi helps in learning the basics of .... language

a. English   b. Arabic   c. <u>Programming</u>

19- Dr. .... was able to balance the power grid.

a. Thomas Edison   b. <u>Diego Ponce de Leon</u>   c. Einstein

20- The power grid can be balanced, so it can be stored and .... from one place to another.

a. <u>Transported</u>   b. Sold   c. Purchased

Lesson 2 How digital devices work

Put (√) or (X)

#	Statement	Answer
1	This sign ⬇ indicates that programs have been downloaded and installed.	(√)
2	It is not possible to download versions of Microsoft Office or Google Chrome from the Internet.	(X)
3	A Windows computer is not required to install software from a computer.	(X)
4	We can install software on a Windows computer without pressing the download button.	(X)
5	Google play store is a store for different applications.	(√)
6	Software should be updated regularly to help it work more efficiently.	(√)
7	Updates are installed in most programs automatically.	(√)
8	No major updates require you to restart your computer.	(X)
9	The device issues a message telling you to restart your computer.	(√)
10	In order for the updates to take place on the device, you must follow the steps below: Start button ➡ Start Settings ➡ Updates and security ➡ Windows update.	(√)
11	The updates that you still need to update are located in the settings.	(X)

12	The screen stops responding is a big issue that cannot be solved.	(X)
13	You can resolve an unresponsive screen by holding down the Ctrl, Alt, and Del buttons and then using the task manager.	(√)
14	One way to solve the issue is to hold down the power button for 30 seconds and then restart the device.	(√)
15	Computers use the three-count system to store data more efficiently.	(X)
16	Your understanding of binary doesn't help you solve a computer-related issue.	(X)
17	The binary system uses the values 0 and 4 to represent numbers.	(X)
18	Computers understand data through a binary electrical signal.	(√)
19	An electrical signal of 1 means off and 0 means on.	(X)
20	Software can be downloaded from unreliable sources as it does not affect the computer.	(X)
21	Technology helps people perform their daily tasks	(√)

Choose the correct answer:

1- Microsoft Office versions can be downloaded from ....

a. **Internet**   b. Radio waves   c. Windows

2- To install the software, the device must be running ....

a. Google Play   b. **Windows**   c. Blackberry

3- The download button must be pressed to ....

a- **To install programs**   b- To delete programs   c- To modify programs

4- .... is a store for different applications.

a- Google Drive   b- Google Mate   c- **Google Store**

5- Updating some .... requires restarting the device again.

a- Messages   b- **Major programs**   c- Photos

6- The computer tells you .... to restart it again.

a- picture   b- a message   c- a video

7- You can complete the updates on the device by following by clicking on .... and finishing by clicking on ....

A - Start - Windows Update   b - Settings – Start   c - Start - Update

8- You can check which software needs to be updated by clicking on .... then ....

a. Settings - Google Play   b - Start - Social Media   c - System - System Update

9- The issue of the screen not responding to Android devices can be solved by pressing ....

a - Alt button   b - Power button for 30 seconds   c - Task Manager

10- You can hold down the .... button for 30 seconds Solve the issue where the screen becomes unresponsive.

a. Power   b. Start   c. Refresh

11- Computers use a binary counting system that uses the values ....,.......... to express

     numbers in it.

a-8-9   b- 0-1   c- 0-5

12- Computers understand data through .... binary.

a. Language   b. Programs   c. Applications

13. The electrical signal 0 means off and .... means on.

a.7   b.9   c.1

14- To ensure the security of an application, it must be installed from .... sources

a. Untrusted   b. Trusted   c. Known only

15. The counting system that a computer recognizes is the counting system..............

a – Triple   b – Quadruple   c - Binary

Lesson 3 An introduction to Binary numbers

Put (√) or (X)

1	Although a computer can do amazing tasks very quickly, it doesn't understand information unless it's represented by the numbers 0 and 1.	(**√**)
2	The computer understands all the information in our language but better than a human.	(**X**)
3	The binary counting system is used to send and receive information without memorizing it.	(**X**)
4	The binary counting system saves information on digital devices after sending and receiving it.	(**√**)
5	Computers, cell phones, and laptops are all digital devices.	(**√**)
6	Humans use the binary counting system like computers.	(**X**)
7	The decimal counting system contains ten individual numbers (0-9).	(**√**)
8	The base 10 system can be called the decimal counting system.	(**√**)
9	We use the ten numbers to represent all possible numbers.	(**√**)
10	When we go beyond the number 9 in counting, we add one of the ten single digits to the left.	(**√**)
11	Computers are difficult and complex and cannot be handled easily.	(**X**)
12	Computers are as simple and effective as a simple switch.	(**√**)
13	The binary counting system is very efficient because it allows only two states, on and off.	(**√**)
14	The number 100 reads one hundred using the binary system while one zero zero reads using the decimal system.	(**X**)
15	Any number can be written in binary	(**√**)

Choose the correct answer:

1) The computer understands information as .... so it is able to perform tasks perfectly.

a) <u>turning off and on</u>   b) true and false   c) green and red

2)The language of computers is called the ………………… language of counting.

a- <u>binary</u>   b- triple   c- quadruple

3) The binary counting system is used to send and .... and save information.

a) delete   b) modify   c) <u>receive</u>

4)Examples of digital devices include ...., ...

a- Calculator, clock   b- Alarm clock, regular phone   c-<u>Computer, cell phones</u>

5) Humans use the .... counting system Computers use the .... counting system

a - <u>Decimal - Binary</u>   b - Base 10 – Triple   c - Triple - Quadruple

6)There are odd numbers in the counting system .... which contains ten odd numbers (0-9).

a - Binary   b - <u>Decimal</u>   c - Triple

7) The .... to the decimal counting system.

a- addition   b- notation   c- <u>base 10</u>

8)We add one of the single decimal digits to the left when we go beyond ....

a- 10   b- 0   c- <u>9</u>

9)The binary counting system is very efficient because it only allows two states ..... , ...

a. transmit, save   b. transmit, receive   c. <u>turn off, turn on</u>

10) Read the number 101 in binary ....

a. One hundred and one   b. One hundred and ten   c. <u>One zero one</u>

11) The decimal system can be called .... to the decimal counting system.

a. <u>base 10</u>   b. base 2   c. base 3

12) When we use all the individual digits of the binary counting system, we add a digit to ………….

a- right   b- center   c- <u>left</u>

Lesson 4 Determining the needs for a digital project

Put (√) or (X)

1	The word processor program is one of Vodafone's programs.	(**X**)
2	The Microsoft word program is used for some projects.	(**√**)
3	The word processor program is the only production version of Microsoft 365.	(**X**)
4	The Microsoft word program allows you to edit documents without modifying them.	(**X**)
5	A group of people can edit the same document if an internet connection is available.	(**√**)
6	If multiple users around the world edit and modify a document, the online editing feature must be installed.	(**√**)
7	The Microsoft word program only allows local users to edit it, not users outside the country.	(**X**)
8	To make some changes, click "Edit Document" ⟹ "Edit in Word for Web".	(**√**)
9	You can save the images you create and then insert them into the document through Paint.	(**√**)
10	Paint is used to send emails.	(**X**)

11	Microsoft 365 programs can be used to implement and complete projects.	(√)
12	Email can be used to send work to an individual or within a group.	(√)
13	Email can be used to send work to an individual or within a group.	(√)
14	The email can be written with a document, file, or image attached and sent to the desired person.	(X)
15	Group members can safely open the email with a document or image attached without you telling them.	(√)
16	Group members must understand their roles in the project before starting when assigning roles	(X)
17	All individuals have the same strengths and personality traits.	(X)
18	Images, text, and data are not necessary when assigning roles.	(√)
19	Each member of the group should know the tools that will help them complete the project.	(X)
20	Knowing what format to use to deliver information is not important when assigning roles.	(√)
21	When assigning roles, the group must accept them and no one has the right to ask questions or discuss them.	(X)
22	If you don't know the answer to some of the group's questions, you can ask your teacher or family for help.	(√)
23	The Bakkar model from the Egyptian cartoon series is a role model for children.	(√)
24	The Bakkar cartoon helps spread information about environmental issues affecting Egypt	(√)
25	Individuals from television programs such as the National Geographic Channel presenters and others are role models.	(√)

Choose the correct answer:

1-Microsoft 365 has several programs such as ....., ... Useful for project implementation.

a- Google   b- Google Drive   c- Word Processor

2- The microsoft word program allows you to work in groups if you have ....

a. Internet connection   b. People connection   c. TV connection

3- The .... processor program enables you to allows you to edit and modify documents.

a. Digital data   b. Words   c. Pictures

4- Users around the world can edit the same document if an internet connection is available by installing the .... feature

a. Delete applications   b. Add programs   c. Edit online

5- Click on Edit at .... Then edit in .... To make changes in Microsoft word.

a.Document - Word   b- Pictures - Document   c- Table – Word

6- The images you create can be saved and then inserted into a document through a program ....

a. Word   b. Paint   c. Excel

7- You can communicate with others by sending electronic messages through ....

a. Email   b. Text messages   c. Mailbox messages

8- Email allows you to attach .... or .... In the email message.

a - clothes   b - anthropomorphized gift   c - document - photo

9- Everyone in the group must understand .... in the project before starting when assigning roles.

a - their role   b - the work of others   c - everything about the project

10 - Everyone has .... that can benefit the group.

a.<u>Strengths</u>   b. Weaknesses   c. Ability to help

11. ...., text, data, etc. are some of the elements necessary to complete the project

a. <u>Pictures</u>   b. Tables   c. Numbers

12- Any questions from the group should be discussed to determine who .... to handle the appropriate parts of the project

a. Strong   b. Weak   c . <u>Suitable</u>

13- It is important to know the tools needed to accomplish each part of the project, the format to be used in ....

a. <u>Delivering information</u>   b. Discussing questions   c. Identifying the right person

14- If you don't know the answer to your group members' questions, you can ask .... or your family for help.

a. Anyone.   b. <u>Your teacher</u>.   c. Any book.

15- The character Bakkar from the Egyptian cartoon helps spread information about environmental issues affecting ....

a.Japan   b. Morocco   c. <u>Egypt</u>

16- A character................ is considered a role model for children in Egypt.

a. <u>Bakkar</u>   b. Cat and Mouse   c. Ben Ten

17. You can have a role model in your life such as ....

a. Criminals   b. <u>National Geographic explorers</u>   c. The unemployed

18- You can take notes during discussions that make you a young explorer in the .... section

a- <u>Let's learn by doing</u>   b- Crime and theft   c- Glass

19. Role-playing makes work and project completion more ....

a - difficult   b - <u>easy</u>   c - glitch

20. Information can be shared and delivered through ....

a. <u>Email</u>   b. Recorder   c. Documents

Lesson 5 Gathering data and presenting information

Put (√) or (X)

1	Data collection is an element of scientific research methods.	(**√**)
2	To solve the issue of environmental pollution, it is necessary to collect data and present information to find solutions to the issue.	(**√**)
3	You can use the Excel spreadsheet program and take advantage of it to process digital information.	(**√**)
4	The symbols +, -, x, / are used for subtraction, multiplication, addition, and division in order.	(**√**)
5	To create an equation, you can type "=" in the cell.	(**√**)
6	To add numbers, select all the cells that contain the numbers you want to add, then click AutoSum.	(**√**)
7	The Enter key must be pressed at the end of adding numbers to give the final result.	(**√**)
8	Chart design does not have to be selected when adding a title to the chart.	(**√**)
9	We choose the formatting directly from the toolbar when choosing the chart color.	(**√**)
10	You can choose to change the chart type from the chart design when choosing the chart type.	(**√**)
11	When plotting a graph or chart, items are selected from the toolbar.	(**√**)

12	Research, data collection, categorization, and processing are all digital data processing skills.	(√)
13	It is not necessary to define the research question before searching for the issue.	(√)
14	To search for information, you can use the Internet or sources that do not require an Internet connection.	(√)
15	You can search for information in paper and electronic sources such as books and magazines.	(√)
16	You can search for information in your textbooks only, and you cannot look at sources in your school library or external libraries.	(√)
17	You can collect information through programs (word processor, digital information processor, illustrator, pen and paper).	(√)
18	Not all data can be placed in one folder such as images, texts, videos, and tables.	(√)
19	Excel is an example of one way to categorize information	(√)
20	No information processing program can display data in a graphical format.	(√)
21	You can process information after researching, collecting, and categorizing information.	(√)
22	The goal of information processing is to arrive at conclusions and share them with others.	(√)
23	We use Word for reports and PowerPoint for presentations.	(√)
24	Infographics do not enhance the information found in reports or presentations.	(X)
25	Some methods are more effective than others when processing information	(√)

Choose the correct answer:

1- Elements of scientific research include data collection, ..., processing.

  a. **Categorization**   b. Deletion   c. Addition

2- To process digital information, we can use a program ....

a- Word   b- **Excel**   c- Access

3- We can use the symbol .... for addition, ... for subtraction for subtraction, while we use the symbol .... for division.

a**-+, -, /**   b- x, +, -   c- /, *, +

4- You can type "=" in the cell to create ....

a.Addition   b. Subtraction   c. **Equation**

5- To add numbers, select all the cells that contain numbers you want to add Press Home AutoSum and then ....

  a.**Enter key**   b. Settings   c. Files

6- To add .... to a chart, click on the toolbar ⟹ Chart Design ⟹ Formatting.

a.Color   b. Type   c. **Layout**

7- The type of graph or chart can be changed when you click on the toolbar and then ....

Then change Chart.

a. Chart Color   b. **Chart Design**   c. Chart Format

8- We use the quick layouts selection when changing or selecting ....

a. Adding elements   b. Adding numbers   c. **Chart layout**

9- Digital information processing skills include ...., collecting information, categorizing

  a. **Searching**   b. Speed   c. Operating a computer

10. When conducting research for a particular topic, you must first determine ....

a- Research value   b- <u>Research question</u>   c- Type of research

11- Offline sources can be used to search for information, such as e-books on ....

a- <u>Your device</u>   b- Educational platforms   c- Egyptian Knowledge Bank

12- E-books are a source of ....

a. Data processing   b. <u>Information gathering</u>   c. Authoritative books

13. One of the ways to categorize and present information in the form of written data is ..

a- <u>Word</u>   b- Excel   c- Access

14- Graphical data can be categorized and displayed in a graphical form through ....

a. Word   b. <u>Excel</u>   c. Access

15- Using pen and paper is one of the ways ....

a. Data processing   b. <u>Gathering information</u>   c. Authoritative books

16. .... can display data in the form of a chart.

a. Word   b. <u>Excel</u>   c. Access

17- You can put different data in files or folders and categorize them by type such as tables, videos, ...

a. Microsoft Office   b. <u>Photos</u>   c. Device Settings

18- The goal of researching, collecting and categorizing information is to .... and access .... and share them.

b. <u>Processing - results</u>   b. Happiness - results
    c. Identifying files - where to find them

19. We use .... to prepare reports, while we use .... to prepare a presentation.

a. Word - Excel   b. Excel - Access   c. <u>Word - Power point</u>

20-. .... greatly enhances the information found in reports or presentations.

a. Text   b. <u>Graphics</u>   c. Games

Lesson 6 presenting information in an appealing way

Put (√) or (X)

1	A presentation is like your favorite TV show or movie	(√)
2	You can connect with the audience through visual presentations.	(√)
3	A movie must have good content in order to connect with the audience.	(X)
4	You can use text to present important information in an attractive way.	(√)
5	You have to choose only one color to attract the audience while displaying the informative text.	(X)
6	Specific information can be highlighted by using two different colors	(√)
7	To highlight key information, you should use a bold font.	(√)
8	You can include device settings to maximize the impact of the text while displaying information	(X)
9	Background colors are available in the presentation software	(√)
10	Elements that bore people include photographs	(X)
11	The inclusion of shapes or graphics is not an audience attraction when presenting information	(X)
12	Graphs and charts are a good way to share data	(X)
13	To enhance a text or image, audio content can be added to it	(√)
14	The audio content does not have to be related to the displayed text	(X)
15	The audio content associated with the image needs to be very long	(X)
16	You can use regular video clips during your presentation	(√)
17	You can use videos from the internet during your presentation	(√)
18	The word processor program is called Word and the presentation program is called Power point	(√)

19 Movie Maker can be used to create a movie from a set of still images (√)

20 There are no intellectual property rights for others, but all images and (X)
files belong to everyone

21 When using images, videos, or audio clips, it is important to check for (√)
copyright infringement.

22 Each type of information - visual, audio, text and numbers - contributes (√)
to telling a story.

Choose the correct answer:

1- Looks like a program.................... is similar to your favorite TV show or movie.

a - Word   b- Excel   c- PowerPoint

2- You can communicate with your audience through ....

a - device settings   b - Data Shows   c - invisible files

3- You can .... The audience even without good content for the movie or program.

a. Connect with   b. Persuade   c. Capture interest

4- You can use text to display .... in an attractive way.

a. Information   b. Electrical appliances   c. Food

5- You can use more than one color while displaying the text to .... audience

a. Distracting   b. Attracting   c. Distracting

6- You can highlight headlines by using the following colors

a – light   b- dark   c – cold

7- To highlight specific information, you can use ....two different.

a - two colors   b- two images   c- two files

8. You can insert audio for .... text while presenting information.

a. Minimize effect   b. Increase effect   c. Display

9. Background colors are available in ....

a. Excel   b. Access   c. <u>Power point</u>

10- Photographs are one of the elements that make the audience feel ....

a. Boredom   b. <u>Excitement</u>   c. Sadness

11- Elements that attract the audience while presenting information include ....

a. <u>Shapes and graphics</u>   b. Program updates   c. Sudden screen pauses

12- Graphs and charts are a good way to .... data

a. Send   b. <u>Share</u>   c. Update

13- Adding audio content to text or images can

a.<u>Enhance it</u>   b. Make it bad   c. Confuse it

14- The audio content .... be related to the displayed text.

a - not required   b- <u>must</u>   c - not necessary

15. The audio content associated with the displayed image should not be ....

a. beautiful   b. <u>long</u>   c. understandable

16. Videos can be used.............. during the presentation

a. Street   b. <u>Internet</u>   c. Unreliable

17. The program is called .... Word

a. Digital information processor   b. Illustrator   c. <u>Word processor</u>

18- The program is called .... Power point

a. <u>Presentations</u>   b. Movie Maker   c. Play Store

19. You can create a movie from a set of still images using ....

a. <u>Movie Maker</u>   b. Power point   c. Microsoft word

20- Not all images belong to everyone, but there are rights ....

a. <u>Intellectual property</u>   b. Duties   c. Different levels

Lesson 7 Producing an effective presentation

Put (√) or (X)

#	Statement	Answer
1	Presentation software helps you create an effective presentation	(√)
2	Whiteboards allow you to plan your ideas	(√)
3	Power point does not allow you to pre-visualize the results of your presentation	(X)
4	A storyboard has no importance in a presentation program	(X)
5	A storyboard is defined as a diagram showing the sequence of certain content that represents the outline of your presentation.	(√)
6	It is not necessary to prepare a draft of your presentation	(X)
7	You can prepare a description for each slide	(√)
8	After the presentation, you can go to the slide sorter to get an overview of your presentation	(√)
9	You can't get an overview of your presentation before saving the presentation	(X)
10	You can't navigate to the presentation until you've created a description for each slide	(√)
11	The sequence of content appears as an outline of the presentation	(√)
12	The storyboard helps you organize your ideas in sequence	(√)
13	The storyboard tells you what kind of story you can tell	(X)
14	One of the advantages of presentations is that they help you deliver an organized and understandable presentation	(√)
15	The Digital Data Wizard program offers a 10, 20, and 30 rule.	(√)
16	The amount of information used in a presentation program is not an issue	(X)

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17 You don't have to present an overwhelming amount of information in a presentation program   (**√**)

18 Time is an important factor when preparing presentations   (**√**)

19 A presentation that takes too long doesn't overwhelm the audience   (**X**)

20 Font size can be random and disorganized   (**X**)

21 Font size has nothing to do with the quality of the presentation   (**X**)

22 The 10, 20, 30 rule is a counting rule in Power point   (**√**)

23 The number 10 in the counting rule indicates a maximum of 10 slides for the presentation   (**√**)

24 The duration of the presentation should not exceed 20 minutes   (**√**)

25 The appropriate font size during presentation preparation is 35   (**X**)

26 You can use the "Design" tab, which offers alternative design options   (**√**)

27 You can optimize your presentation by following the 10-20-30 rule   (**√**)

Choose the correct answer:

1- The .... program is useful to create an effective presentation.

a. Movie Maker   b. Power point   c. Word

2. .... allows you to plan your ideas while creating an effective presentation.

a. Dashboard   b. Worksheets   c. Designs

3. .... allows you to allows you to visualize the results of the presentation in advance

a. Word   b. Power point   c. Access

4- A dashboard is one of the essentials of ....

a. Presentations   b. Word processing   c. Digital data processing

5. .... It is a chart that shows the sequence of certain content that outlines your presentation.

a. Diagram   b. Dashboard   c. Design

6- It is necessary to prepare .... for the presentation.

a – <u>draft</u>   b - video   c – images

7- A description must be prepared for each ....

a - File   b- Image   c - <u>Slide</u>

8- After the presentation, you can go to .... slides to get an overview of your presentation.

a. Design   b. Layout   c. <u>Sort</u>

9- You can get an overview of your presentation before .... presentation.

a.Finalize   b. <u>Save</u>   c. Design

10- The content sequence appears as .... For presentation.

a - <u>chart</u>   b – graph   c - video

11- The storyboard helps you .... in sequence.

a. <u>Organize your thoughts</u>   b. Distract your thoughts   c. Work

12. .... helps you tell the story you want during your presentation.

a. Electronic stories   b. Colorful pictures   c. <u>Dashboard</u>

13- The Power point counting rule is ....

a. Binary counting   b. Decimal counting   c. <u>10, 20, 30 rule</u>

14- You musr itroduce a .... amount of information on your presentation

a. Too much   b. Too little   c. <u>Suitable</u>

15. A presentation that takes too much time .... to the audience

a – happy   b – <u>tiring</u>   c - excited

16- The font must be within the presentations .... because it affects the quality of the presentations

a. <u>organized</u>   b. random   c. too large

17- The number ………………The counting rule indicates a maximum of 10 slides for the presentation.

a - <u>10</u>   b- 20   c – 30

18- It is preferred that the duration of the show does not exceed 20 minutes, as evidenced by the number .... by the counting rule.

a – 10   b - <u>20</u>   c - 30

19- The appropriate font size while preparing the presentation is ....

a- 25   b - <u>30</u>   c - 35

20- You can improve your presentation by following the .... rule.

a- <u>10 - 20 - 30</u>   b - Pythagoras   c - Euclid

Lesson 8 Web design principles

Put (√) or (X)

1	You can publish your work through the web	(**√**)
2	You can browse through the web page	(**√**)
3	You can't create your story directly through a website building program	(**X**)
4	You can use a presentation program to create a web page	(**X**)
5	The language that will be displayed on the web browser is called Hypertext Markup Language	(**√**)
6	HTML is an acronym for Hyper Text Markup Language	(**√**)
7	The web browser deals in standard Arabic.	(**X**)
8	A word processor program helps create web pages	(**√**)
9	To create a web page, click on "Web Layout" under the "View" tab.	(**√**)
10	You cannot save the file as a web page but can only save it as a document	(**X**)
11	To save the file as a web page, choose file, then save as, then web page	(**√**)
12	The title is in a smaller font than the body text	(**X**)

13 Subheadings separate information and are written in a smaller font than the headline   (**√**)

14 The design of a particular website can distract you from continuing to browse   (**√**)

15 Sharing information about issues you care about makes you a better digital citizen   (**√**)

Choose the correct answer:

1. You can share the work of whoever you want through ....

a. The Internet   b. Text messages   c. Pictures

2. .... helps you in browsing the Internet and accessing a lot of information.

a. Your relationship with people   b. The Internet   c. Books

3- You can create your story directly through ....

a. Website building program   b. Photo album   c. File collection

4- The .... program helps to create a webpage

 a. Movie Maker   b. Power point   c. Word

5- The language that will be displayed on a web browser is called ....

a. Hypertext   b. English   c. Base 10

6- .... is the language that the web browser deals with.

   b. HTMM   b. HTML   c. HTWL

7- The .... counting system is not considered a computer counting system.

a- Binary   b – Mathematical   c - 10 - 20 - 30

8- To create a web page, click on .... under the "View" tab

a - Web Layout   b – Design   c - File Layout

9- You can save the file as a web page by clicking on .... then save as then web page.

a- Google play   b- files   c- sittings

10- The title is written in .... font From the body text

a- smaller   b - bigger   c- better

11- Subheadings separate ....

a - information   b - pages   c- words

Exams

Grade 5

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Mrs/Eman Meslam

2024

Ministry of education Education

Exam Sample (1)

Put (√) or (X)

1. It is not possible to download versions of Microsoft Office or Google ( )
   Chrome from the Internet

2. The binary counting system is very efficient because it allows only two ( )
   states, on and off

3. The word processor program is the only production version of Microsoft 365 ( )

4. To sum numbers, select all cells that contain numbers you want to sum, ( )
   then click AutoSum

5. Videos from the Internet can be used during the show ( )

Choose the correct answer:

1- You can insert audio for .... text while displaying information.

   a. Minimize effect   b. Increase effect   c. Display

2- The .... program allows you to pre-visualize the results of the presentation

   a. Microsoft Paint   b. Word   c. Power point

3- .... is the language that the web browser deals with

   a - HTMM   b - HTML   c - HTWL

4- To create a web page, we click on .... under the "Display" tab

   a - Web Layout   b - Design   c - File Layout

5- To install software, the device must be running ....

   a- Google Play   b- Windows   c- Blackberry

Ministry of education Education
Exam Sample (2)

Put (√) or (X)

1 One of the advantages of presentations is that they help you make an (   )
   organized and understandable presentation

2 We use Word to prepare reports, while we use PowerPoint to prepare a (   )
   presentation.

3 When distributing roles, the group must accept them and no one has the (   )
   right to ask questions or discuss them

4 To make some changes, click "Edit Document" ⟹ "Edit in Word for Web" (   )

5 Despite the computer's ability to perform great tasks at high speed, it (   )
   does not understand the information unless it is depicted with the
   numbers 0 and 1.

Choose the correct answer:

1-We use .... to prepare reports, while we use .... to create a presentation.

a- Word - Excel   b- Excel - Access   c- Word - Power point

2- You can create a movie from a set of still images using ....

a - Movie Maker   b - Power point   c - Microsoft word

3. The .... program is useful To create an effective presentation.

a. Movie Maker   b. Power point   c. Word

4 - A presentation can take a lot of time .... to the audience

a. Happiness   b. Fatigue   c. Excitement

5- Subheadings separate ....

a.Information   b. Pages   c. Words

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Ministry of education Education

Exam Sample (1)Answers

Put (√) or (X)

1 It is not possible to download versions of Microsoft Office or Google Chrome from the Internet (**X**)

2 The binary counting system is very efficient because it allows only two states, on and off (**X**)

3 The word processor program is the only production version of Microsoft 365 (**X**)

4 To sum numbers, select all cells that contain numbers you want to sum, then click AutoSum (**√**)

5 Videos from the Internet can be used during the show (**√**)

Choose the correct answer:

1-You can insert audio for .... text while displaying information.

  a. Minimize effect   b. <u>Increase effect</u>   c. Display

2- The .... program allows you to pre-visualize the results of the presentation

  a. Microsoft Paint   b. Word   c. <u>Power point</u>

3-................ is the language that the web browser deals with

  a - HTMM   b - <u>HTML</u>   c - HTWL

4- To create a web page, we click on .... under the "Display" tab

  a - <u>Web Layout</u>   b - Design   c - File Layout

5- To install software, the device must be running ....

  a- Google Play   b- <u>Windows</u>   c- Blackberry

Ministry of education Education

Exam Sample (2)Answers

Put (√) or (X)

1 One of the advantages of presentations is that they help you make an organized and understandable presentation   (√)

2 We use Word to prepare reports, while we use PowerPoint to prepare a presentation.   (√)

3 When distributing roles, the group must accept them and no one has the right to ask questions or discuss them   (X)

4 To make some changes, click "Edit Document" ➡ "Edit in Word for Web"   (√)

5 Despite the computer's ability to perform great tasks at high speed, it does not understand the information unless it is depicted with the numbers 0 and 1.   (√)

Choose the correct answer:

1-We use .... to prepare reports, while we use .... to create a presentation.

b- Word - Excel   b- Excel - Access   c- Word - Power point

2- You can create a movie from a set of still images using ....

a - Movie Maker   b - Power point   c - Microsoft word

3. The .... program is useful To create an effective presentation.

a. Movie Maker   b. Power point   c. Word

4 - A presentation can take a lot of time .... to the audience

a. Happiness   b. Fatigue   c. Excitement

5- Subheadings separate ....

a.Information   b. Pages   c. Words

Put (√) or (X)

1 It is not possible to download versions of Microsoft Office or Google   (   )
Chrome from the Internet

2 The binary counting system is very efficient because it allows only two   (   )
states, on and off

3 The word processor program is the only production version of Microsoft   (   )
365

4 To sum numbers, select all cells that contain numbers you want to sum,   (   )
then click AutoSum

5 Videos from the Internet can be used during the show   (   )

Choose the correct answer:

1-You can insert audio for .... text while displaying information.

  a. Minimize effect   b. Increase effect   c. Display

2- The .... program allows you to pre-visualize the results of the presentation

  a. Microsoft Paint   b. Word   c. Power point

3-................ is the language that the web browser deals with

  a - HTMM   b - HTML   c - HTWL

4- To create a web page, we click on .... under the "Display" tab

  a - Web Layout   b - Design   c - File Layout

5- To install software, the device must be running ....

  a- Google Play   b- Windows   c- Blackberry

Match From (A) the suitable number From (B)

A		B
1	Excel	You can. You can edit and modify documents.
2	word	is used to process digital information
3	Internet	is called a computer language
4	Binary counting	It is a store for different applications
5	Google Store	Versions of Microsoft Office can be downloaded through it

Put (√) or (X)

1 One of the advantages of presentations is that they help you make an ( )
organized and understandable presentation

2 We use Word to prepare reports, while we use PowerPoint to prepare a ( )
presentation.

3 When distributing roles, the group must accept them and no one has the ( )
right to ask questions or discuss them

4 To make some changes, click "Edit Document" ⟹ "Edit in Word for ( )
Web"

5 Despite the computer's ability to perform great tasks at high speed, it ( )
does not understand the information unless it is depicted with the
numbers 0 and 1.

Choose the correct answer:

1-We use .... to prepare reports, while we use .... to create a
presentation.

c- Word - Excel   b- Excel - Access   c- Word - Power point

2- You can create a movie from a set of still images using ....

a - Movie Maker   b - Power point   c - Microsoft word

3. The .... program is useful To create an effective presentation.

a. Movie Maker   b. Power point   c. Word

4 - A presentation can take a lot of time .... to the audience

a. Happiness   b. Fatigue   c. Excitement

5- Subheadings separate ....

a.Information   b. Pages   c. Words

Choose the correct answers using the words between brackets

(Word – Rule of 10 – 20 – 30 – Gathering information – Power point formula)

1.You can type "=" in the cell to create ....

2.Using pen and paper is one way to ....

3.The .... program is useful to create an effective presentation

4.The counting base for the Power point program is ....

5.The .... program helps to create a web page

Put (√) or (X)

1 It is not possible to download versions of Microsoft Office or Google Chrome from the Internet   (**X**)

2 The binary counting system is very efficient because it allows only two states, on and off   (**X**)

3 The word processor program is the only production version of Microsoft 365   (**X**)

4 To sum numbers, select all cells that contain numbers you want to sum, then click AutoSum   (**√**)

5 Videos from the Internet can be used during the show   (**√**)

Choose the correct answer:

1-You can insert audio for .... text while displaying information.

a. Minimize effect   b. Increase effect   c. Display

2- The .... program allows you to pre-visualize the results of the presentation

a. Microsoft Paint   b. Word   c. Power point

3-................ is the language that the web browser deals with

a - HTMM   b - HTML   c - HTWL

4- To create a web page, we click on .... under the "Display" tab

a - Web Layout   b - Design   c - File Layout

5- To install software, the device must be running ....

a- Google Play   b- Windows   c- Blackberry

Match From (A) the suitable number From (B)

A		B	
1	Excel	2	You can edit and modify documents.
2	word	1	is used to process digital information
3	Internet	4	is called a computer language
4	Binary counting	5	It is a store for different applications
5	Google Store	3	Versions of Microsoft Office can be downloaded through it

Put (√) or (X)

1 One of the advantages of presentations is that they help you make an   (√)
   organized and understandable presentation

2 We use Word to prepare reports, while we use PowerPoint to prepare a   (√)
   presentation.

3 When distributing roles, the group must accept them and no one has the   (X)
   right to ask questions or discuss them

4 To make some changes, click "Edit Document" ➡ "Edit in Word for   (√)
   Web"

5 Despite the computer's ability to perform great tasks at high speed, it   (√)
   does not understand the information unless it is depicted with the
   numbers 0 and 1.

Choose the correct answer:

1-We use .... to prepare reports, while we use .... to create a presentation.

d- Word - Excel   b- Excel - Access   c- Word - Power point

2- You can create a movie from a set of still images using ....

a - Movie Maker   b - Power point   c - Microsoft word

3. The .... program is useful To create an effective presentation.

a. Movie Maker   b. Power point   c. Word

4 - A presentation can take a lot of time .... to the audience

a. Happiness   b. Fatigue   c. Excitement

5- Subheadings separate ....

    a.Information   b. <u>Pages</u>   c. Words

Choose the correct answers using the words between brackets

(Word – Rule of 10 – 20 – 30 – Gathering information – Power point – formula)

1. You can type "=" in the cell to create **formula**

2. Using pen and paper is one way to **Gathering information**

3. The **Power point** program is useful to create an effective presentation

4. The counting base for the Power point program is **Rule of 10 – 20 – 30**

5. The **Word** program helps to create a web page